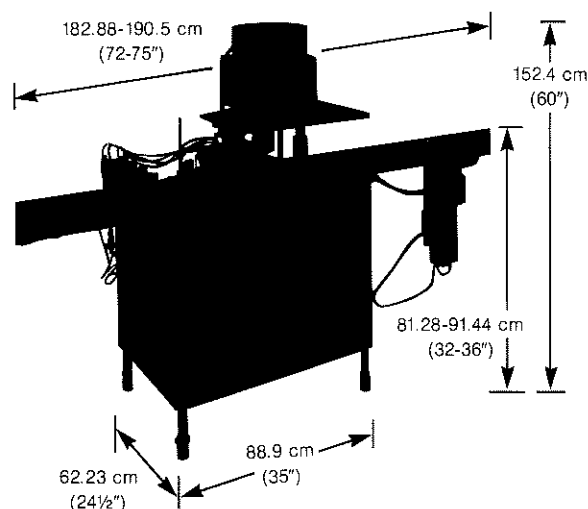
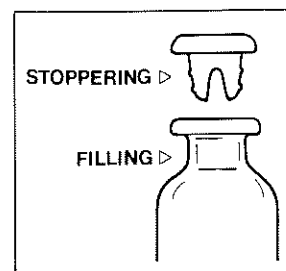
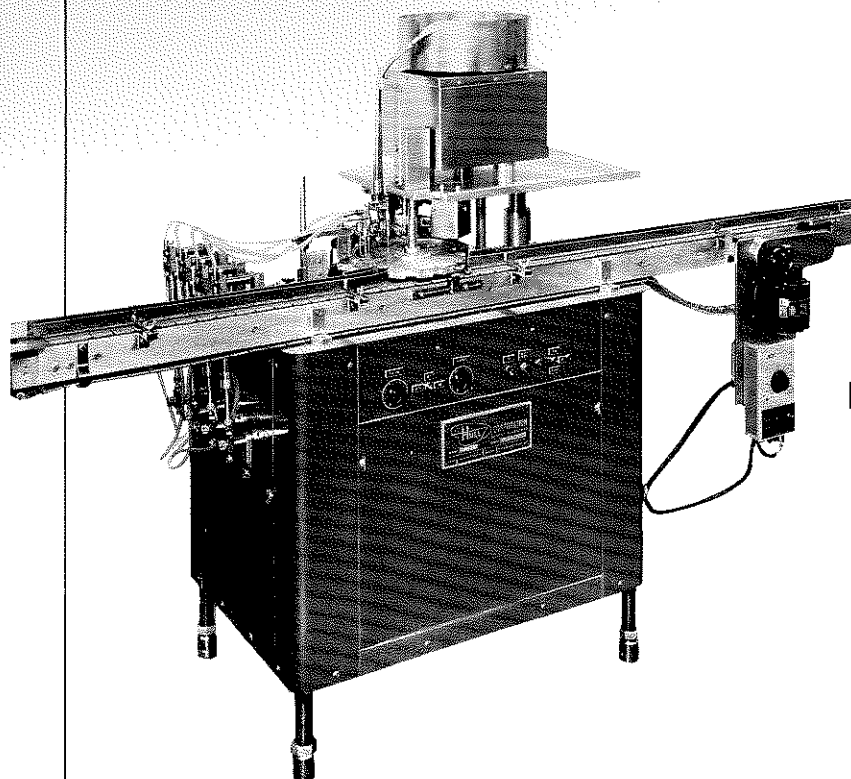


# RELIABLE PRODUCTION: THE HALLMARK OF HULL

**T**he ability of filling, stoppering, screw capping, and crimping equipment to operate efficiently with minimum downtime . . . that is the hallmark of Hull equipment.

Hull equipment is designed to meet your needs effectively and efficiently. In all units, parts in contact with product — stopper or cap bowl, feed chute and bridge, and star wheel — are autoclavable.



## FS SERIES

FS series is designed for automatic filling and stoppering; all parts in contact with product are autoclavable. It features sequential filling for more accurate fills at production rates up to 120 vials per minute. Stoppers may be fully or partially inserted as desired. The FS Machine is available in one to four pumps and several models to accommodate most individual needs. Our aluminum crimp sealer may be incorporated on any FS machine, to create a Model FS-AS.

## MODELS

- FS-12 (one pump)
- FS 2-12 (two pumps)
- FS 3-12 (three pumps)
- FS 4-12 (four pump, twelve-pocket starwheel)
- 2 FS 2-12 (two, double-pump systems on single base to double output)
- 2 FS 4-12 (two, four-pump systems on common base to double output over FS 4-12)

## FS Characteristics

- Vial size — 1-125 ml
- Vial height — 15.3 cm (6") max

- Vial diameter — 5.4 cm (2 1/8") max
- Filling Range — 0-120 ml
- Production Flow (standard) — left to right

## Services

- Electrical — 115V/60/12-15 amps
- Air pressure — 90 psig @ 2-5 cfm

## Production Rates — FS Series

Fills/min.	FS-12	FS 2-12	FS 3-12	FS 4-12
20 ml	30/min.	60	90	120
30 ml	25	50	75	100
50 ml	20	40	60	80
100 ml	15	30	45	60
125 ml	12-13	25	37-38	50-55

rates based on H<sub>2</sub>O